Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053619.D
Acq On : 19 May 2022 1:18
Operator : CG/JU
Sample : N2907-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GC-1

Quant Time: May 19 05:13:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	24039	20.000	ng	-0.01
21) Naphthalene-d8	10.890	136	90748	20.000	ng	0.00
39) Acenaphthene-d10	14.703	164	70624	20.000	ng	-0.01
64) Phenanthrene-d10	17.452	188	183209	20.000	ng	0.00
76) Chrysene-d12	21.728	240	202747	20.000	ng	-0.01
86) Perylene-d12	25.000	264	201301	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	159400	112.535	ng	0.00
7) Phenol-d6	7.242	99	233932	108.822	ng	0.00
23) Nitrobenzene-d5	9.239	82	164522	77.175	ng	-0.01
42) 2,4,6-Tribromophenol	16.195	330	117902	113.191	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	358708	74.220	ng	0.00
79) Terphenyl-d14	20.054	244	770055	70.739	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.239	70	25198	16.337	ng	# 71
51) 2,6-Dinitrotoluene	14.703	165	9512	8.700	ng	# 18
57) 2,4-Dinitrotoluene	14.703	165	9512	6.002	ng	# 23
67) 4-Bromophenyl-phenylether	16.195	248	7409	3.463	ng	# 1
77) Benzidine	20.054	184	12995	2.974	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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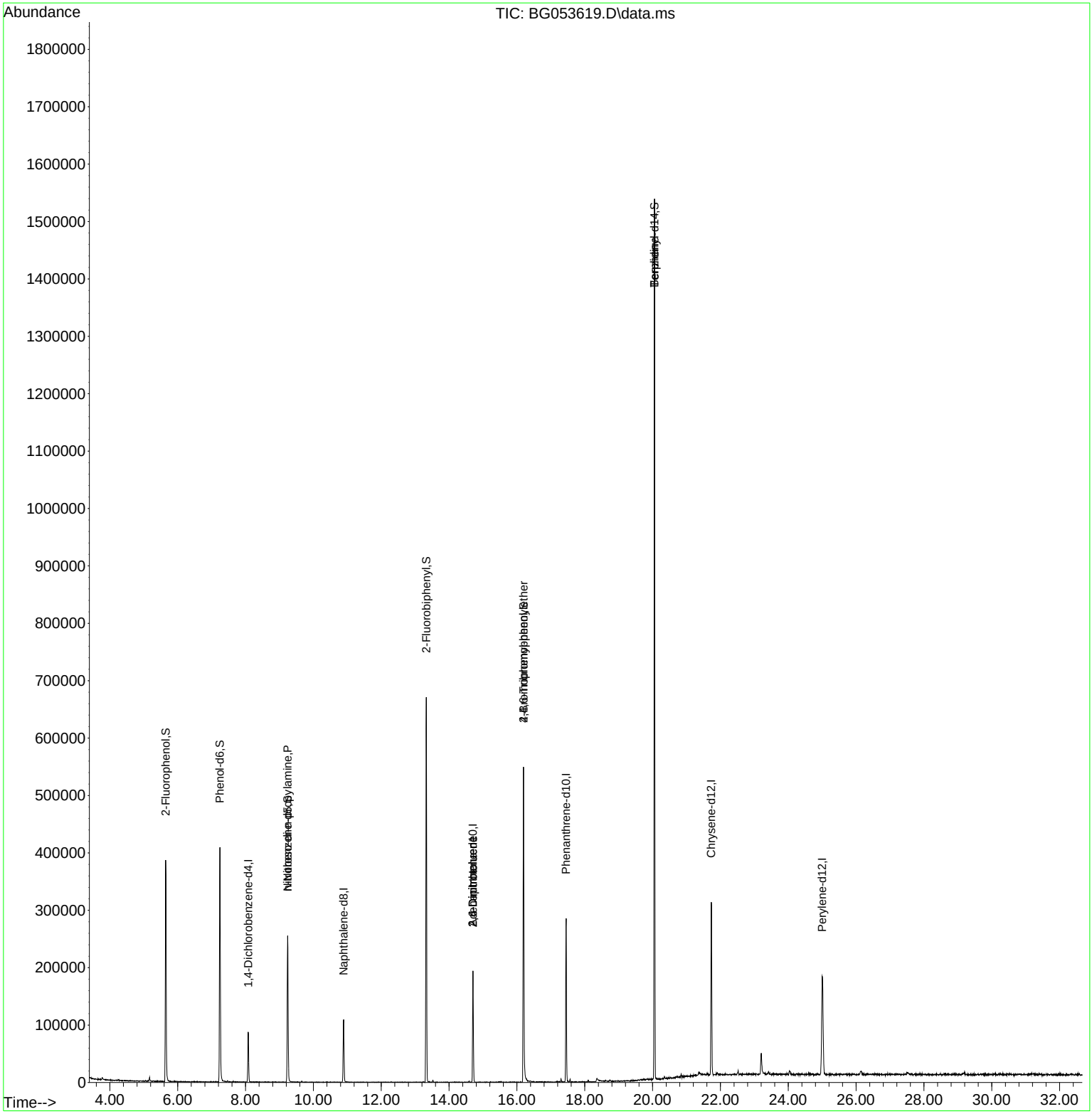
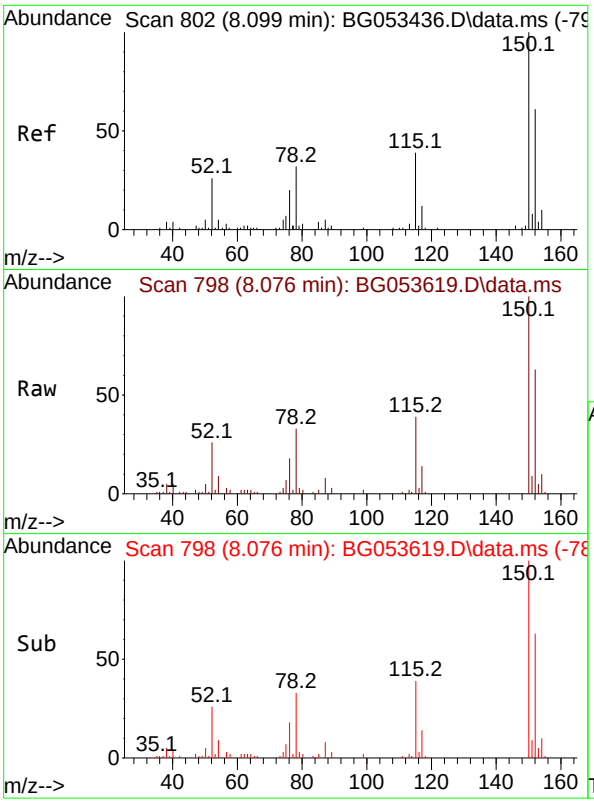


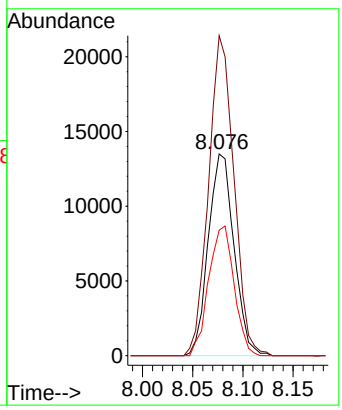


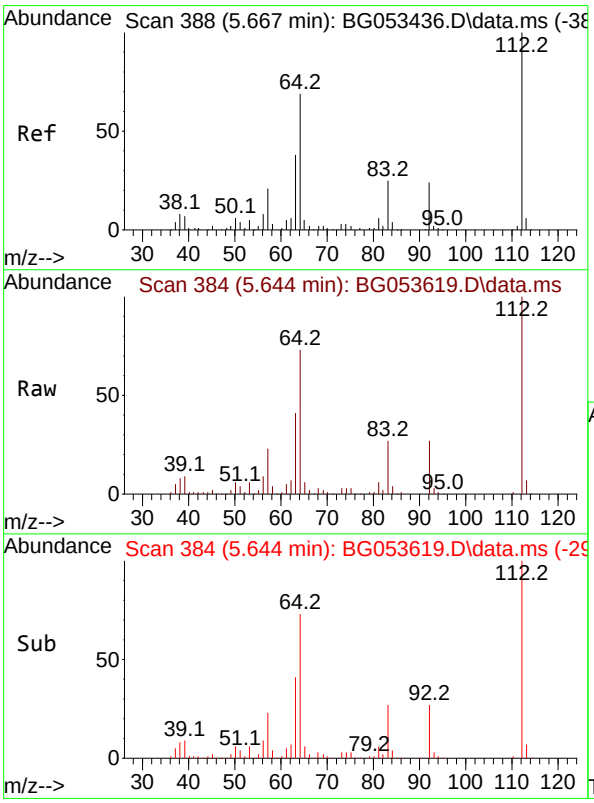
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 7
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:152 Resp: 24039

Ion	Ratio	Lower	Upper
152	100		
150	158.6	131.6	197.4
115	62.2	50.9	76.3

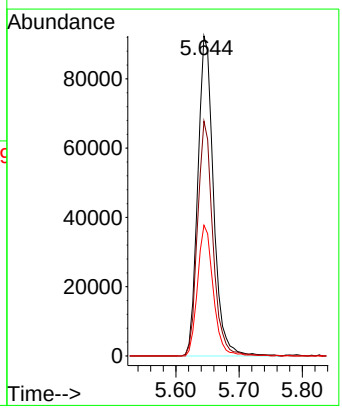


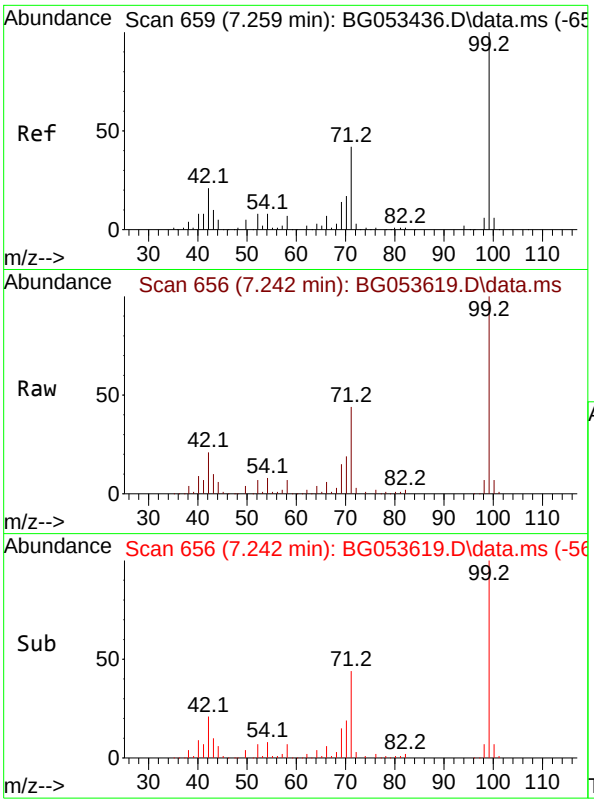


#5
2-Fluorophenol
Concen: 112.535 ng
RT: 5.644 min Scan# 384
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:112 Resp: 159400

Ion	Ratio	Lower	Upper
112	100		
64	73.4	55.1	82.7
63	40.9	30.4	45.6



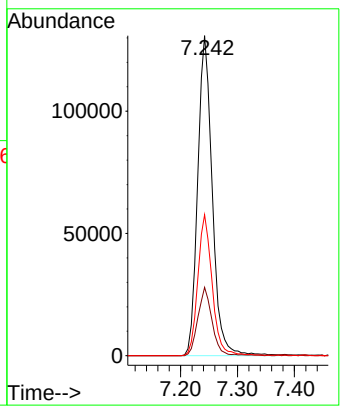


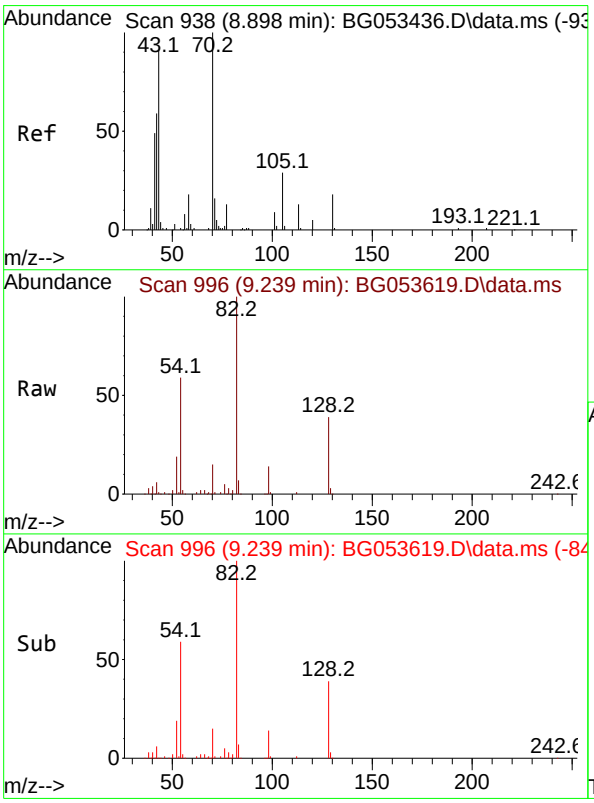
#7
Phenol-d6
Concen: 108.822 ng
RT: 7.242 min Scan# 6
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion: 99 Resp: 233932

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.0	25.6
71	44.1	33.8	50.8

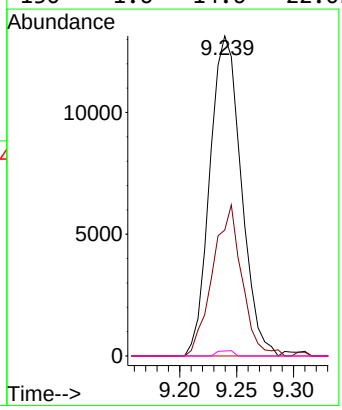


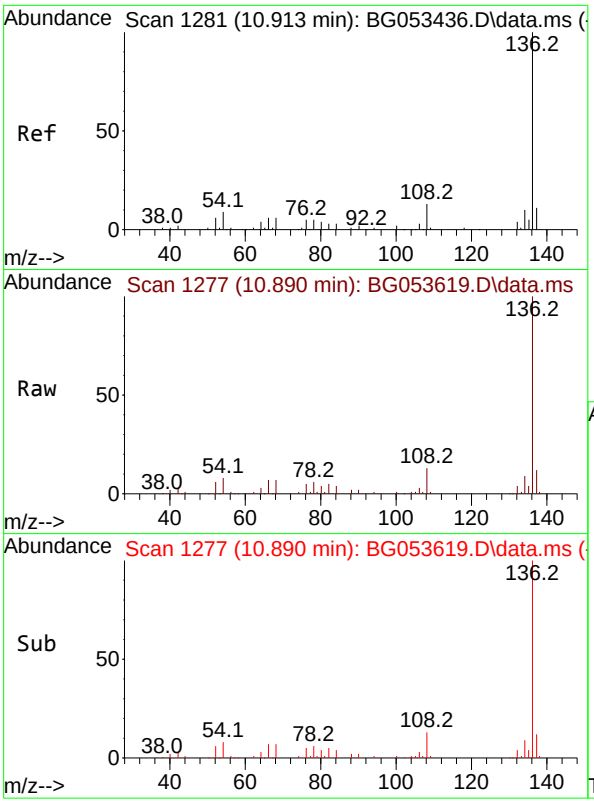


#19
n-Nitroso-di-n-propylamine
Concen: 16.337 ng
RT: 9.239 min Scan# 996
Delta R.T. 0.351 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion: 70 Resp: 25198

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.3	70.9#
101	0.0	7.0	10.4#
130	1.6	14.6	22.0#



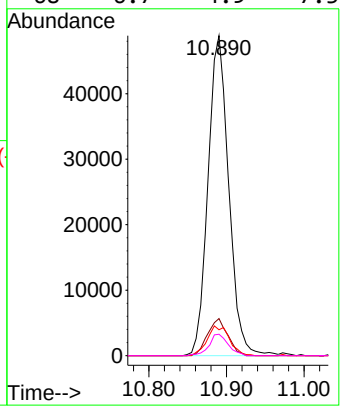


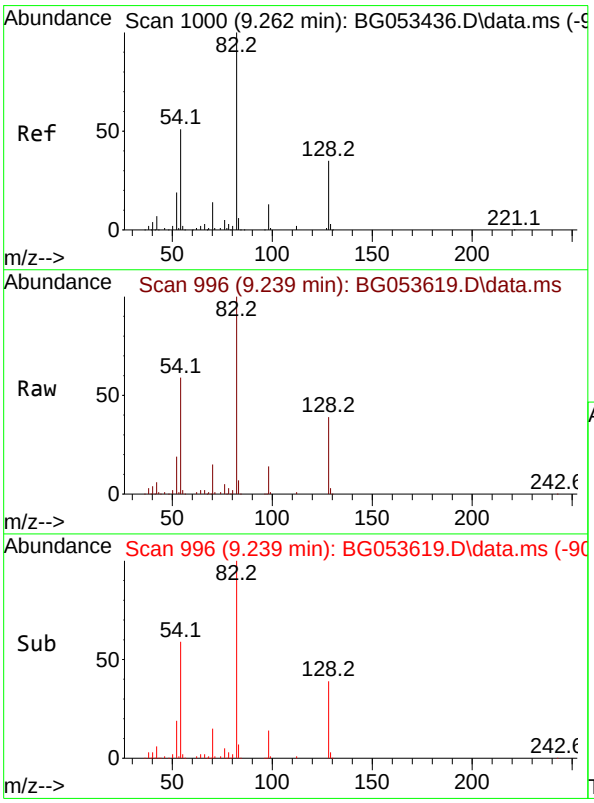
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:136 Resp: 90748

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	8.1	7.4	11.2
68	6.7	4.9	7.3

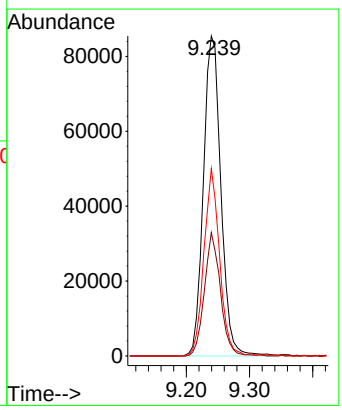


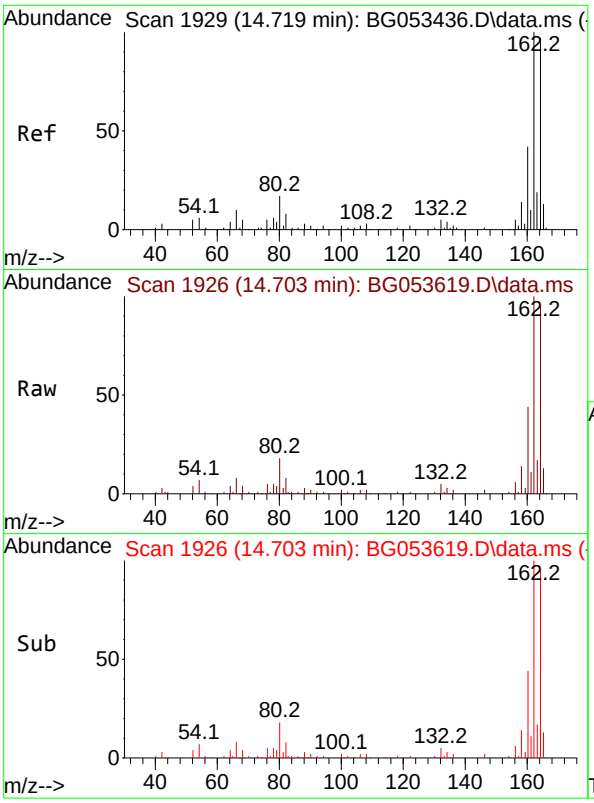


#23
Nitrobenzene-d5
Concen: 77.175 ng
RT: 9.239 min Scan# 996
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion: 82 Resp: 164522

Ion	Ratio	Lower	Upper
82	100		
128	38.6	27.9	41.9
54	58.6	41.2	61.8



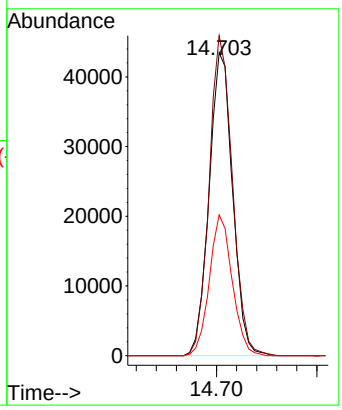


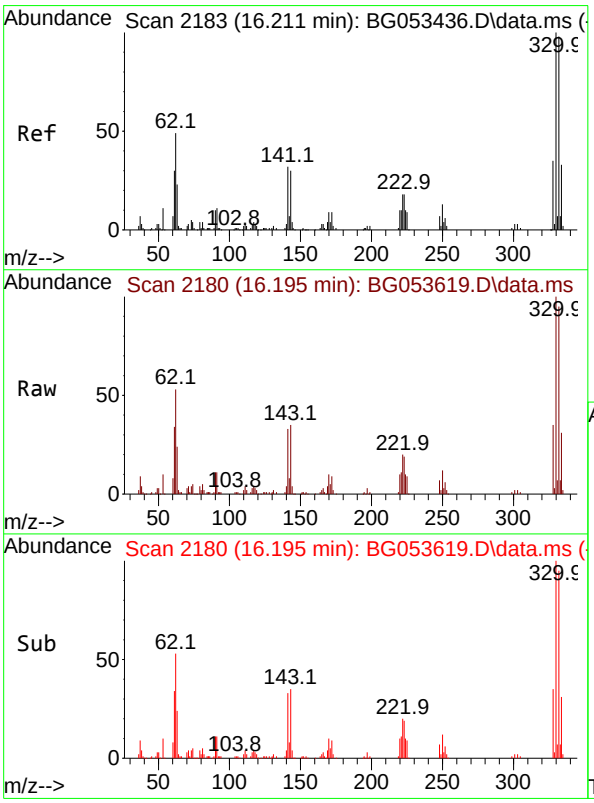
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:164 Resp: 70624

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.3	123.5
160	46.5	34.2	51.2

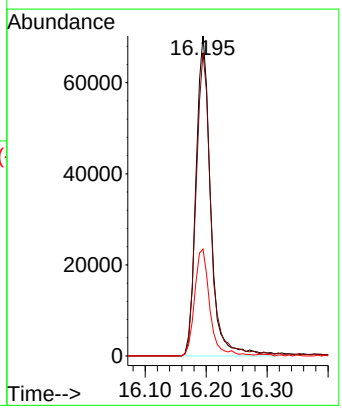


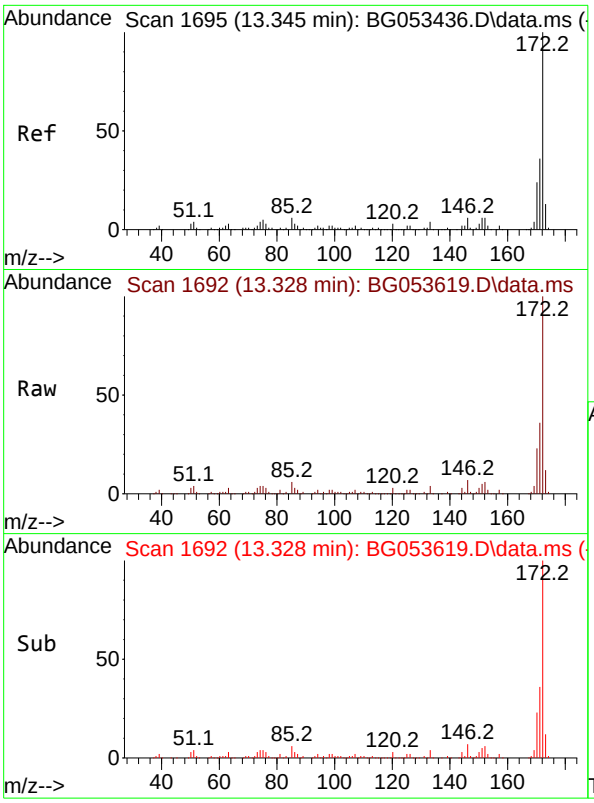


#42
2,4,6-Tribromophenol
Concen: 113.191 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:330 Resp: 117902

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	34.4	27.1	40.7



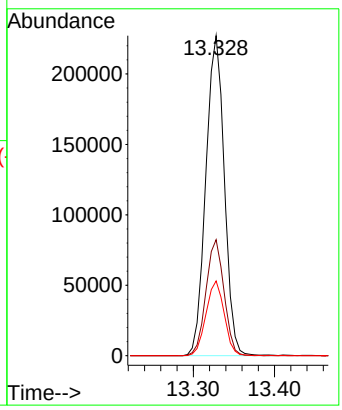


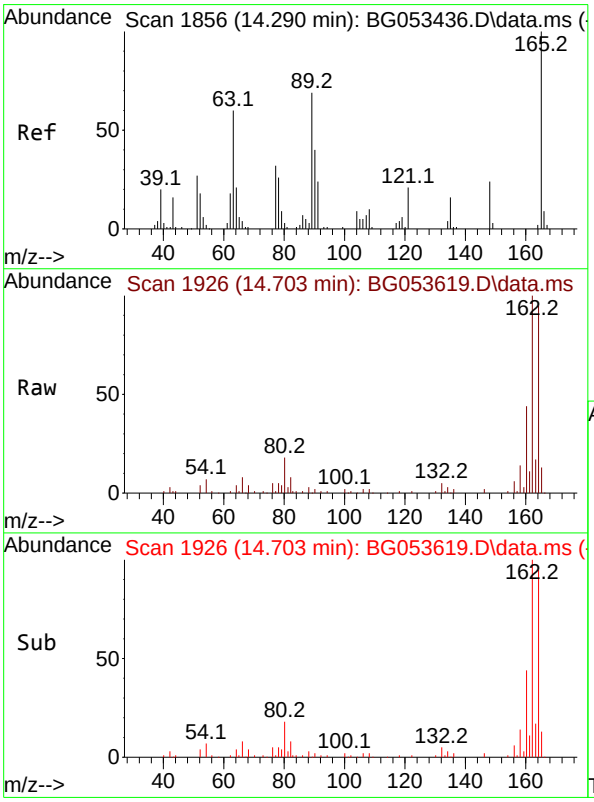
#45
2-Fluorobiphenyl
Concen: 74.220 ng
RT: 13.328 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:172 Resp: 358708

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.3	18.9	28.3

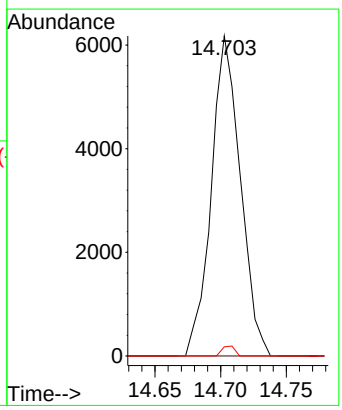


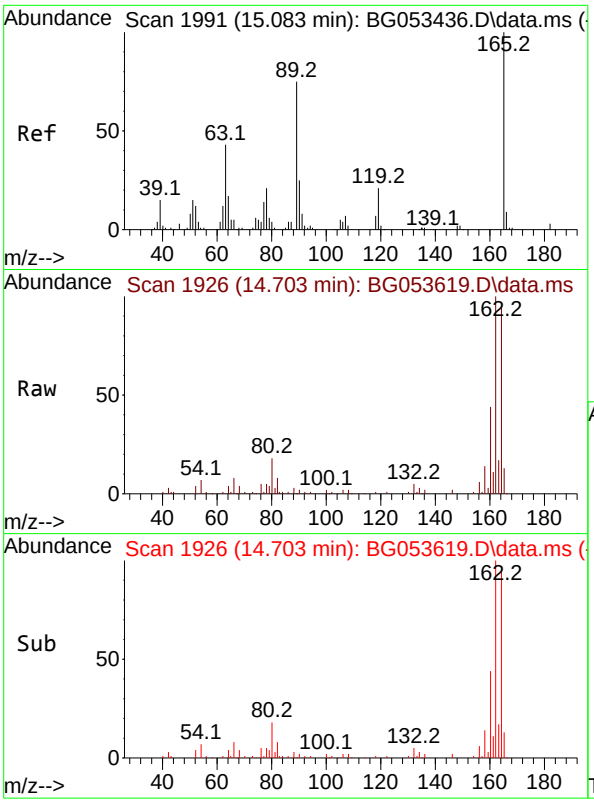


#51
2,6-Dinitrotoluene
Concen: 8.700 ng
RT: 14.703 min Scan# 1926
Delta R.T. 0.422 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:165 Resp: 9512

Ion	Ratio	Lower	Upper
165	100		
63	0.0	54.1	81.1#
89	2.9	54.8	82.2#



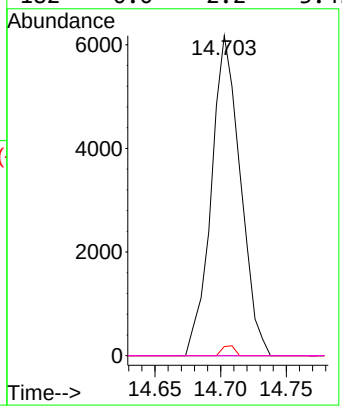


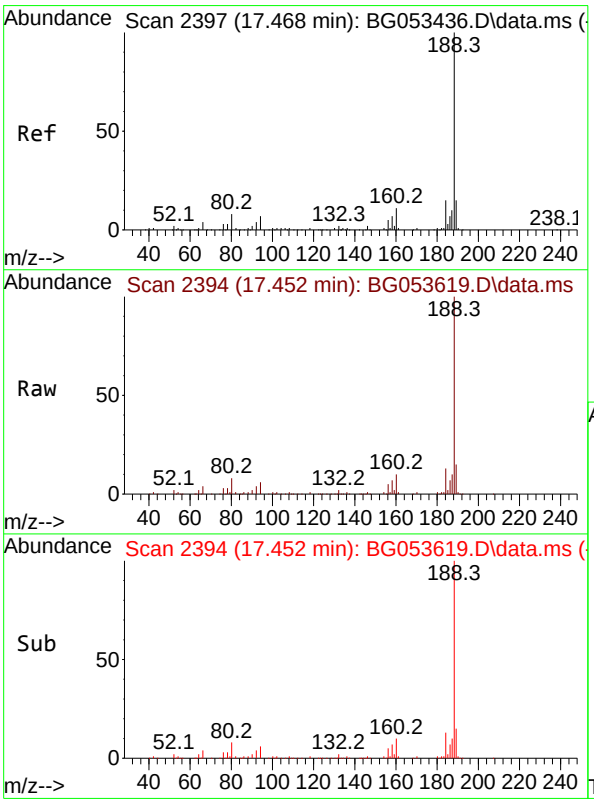
#57
2,4-Dinitrotoluene
Concen: 6.002 ng
RT: 14.703 min Scan# 1
Delta R.T. -0.371 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:165 Resp: 9512

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.6	52.0#
89	2.9	60.3	90.5#
182	0.0	2.2	3.4#

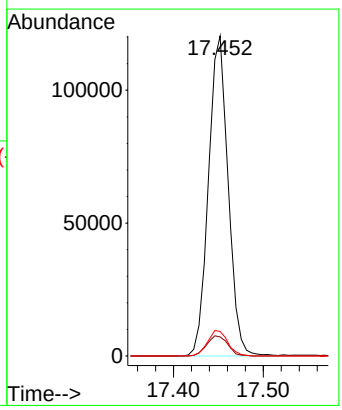


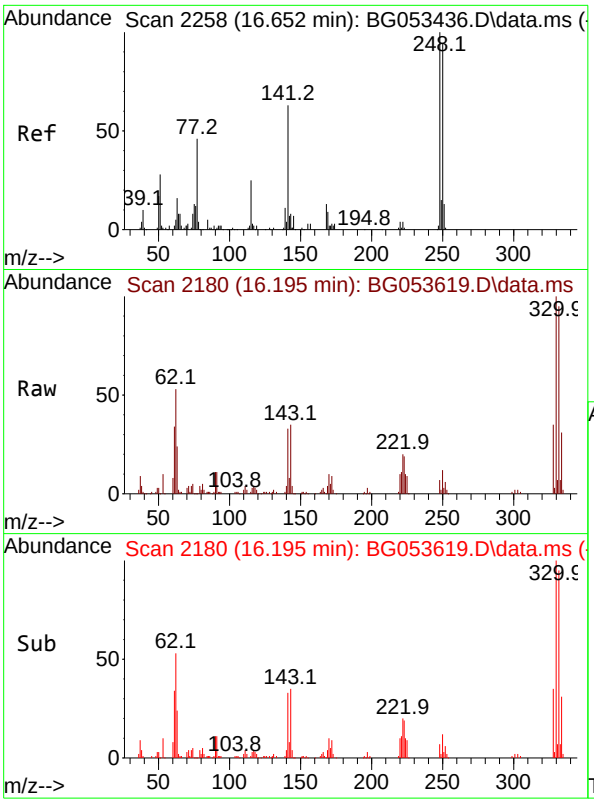


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.452 min Scan# 2394
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:188 Resp: 183209

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.4	8.0
80	7.6	6.8	10.2



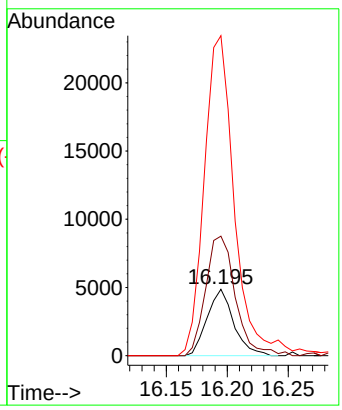


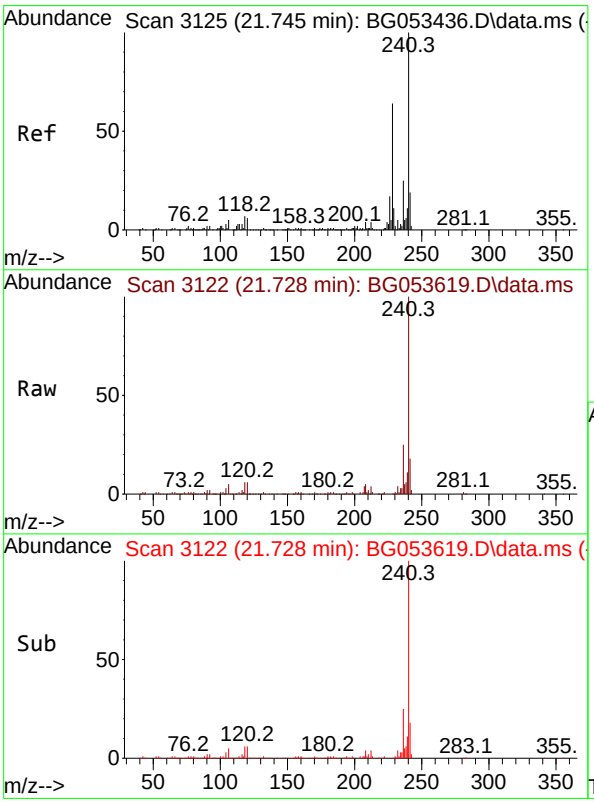
#67
4-Bromophenyl-phenylether
Concen: 3.463 ng
RT: 16.195 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:248 Resp: 7409

Ion	Ratio	Lower	Upper
248	100		
250	180.0	75.2	112.8#
141	481.8	50.0	75.0#

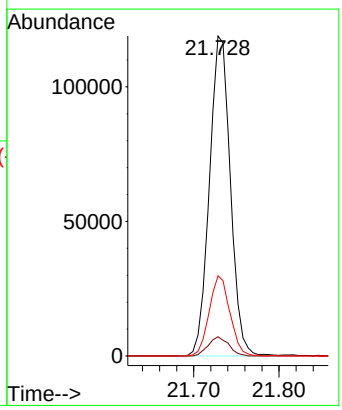


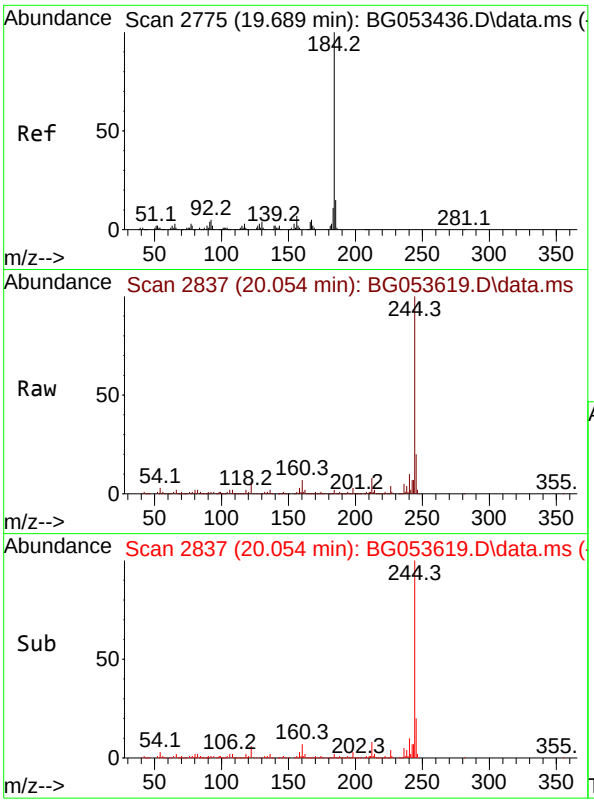


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:240 Resp: 202747

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	7.0
236	25.1	20.2	30.4



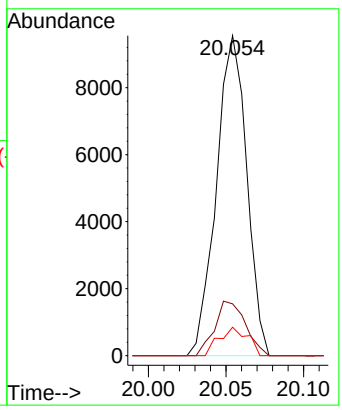


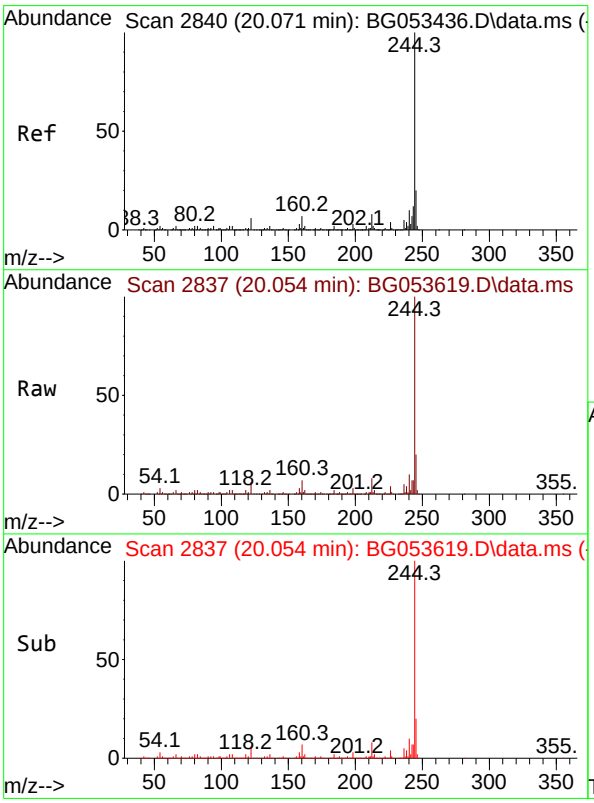
#77
Benzidine
Concen: 2.974 ng
RT: 20.054 min Scan# 2
Delta R.T. 0.375 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:184 Resp: 12995

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	8.9	8.9	13.3

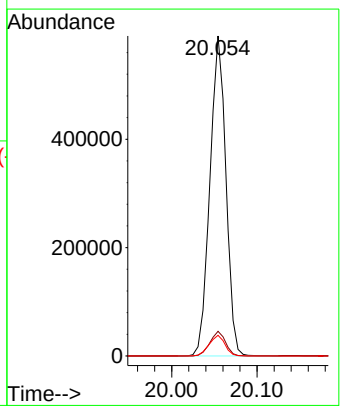


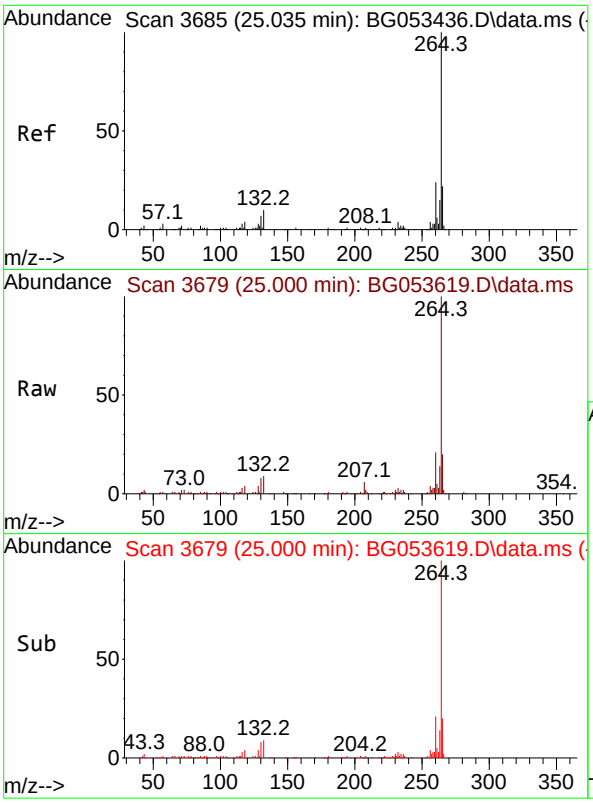


#79
Terphenyl-d14
Concen: 70.739 ng
RT: 20.054 min Scan# 2837
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:244 Resp: 770055

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	6.5	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3
Delta R.T. -0.019 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Instrument :
BNA_G
ClientSampleId :
GC-1

Tgt Ion:264 Resp: 201301

Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.0	28.6
265	20.4	17.4	26.2